

Datasheet for ABIN5854938

**TNFRSF12A Protein (AA 28-80) (hIgG-His-tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	TNFRSF12A
Protein Characteristics:	AA 28-80
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF12A protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	EQAPGTAPCS RGSSWSADLD KCMDCASCRA RPHSDFCLGC AAAPPAPFRL LWPLEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQQPENNY KTTTPVLDS GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

## Target Details

Target:	TNFRSF12A
Alternative Name:	TNFRSF12A ( <a href="#">TNFRSF12A Products</a> )

## Target Details

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**Background:** TNFRSF12A, also known as tumor necrosis factor receptor superfamily member 12A, is the sole signaling receptor for the proinflammatory cytokine TWEAK (TNFSF12). It is a Downstream Target of the TGF- $\beta$  Signaling Pathway and regulates Fibroblast Activation. It promotes oxidative stress through NADPH oxidase activation in macrophages. It is responsible for TWEAK-induced proliferation of endothelial cells and angiogenesis. Recombinant human TNFRSF12A, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Molecular Weight:** 32.6kDa (292aa) 28-40kDa (SDS-PAGE under reducing conditions)

**NCBI Accession:** [NP\\_057723](#)

**UniProt:** [Q9NP84](#)

**Pathways:** [Apoptosis, Regulation of Cell Size](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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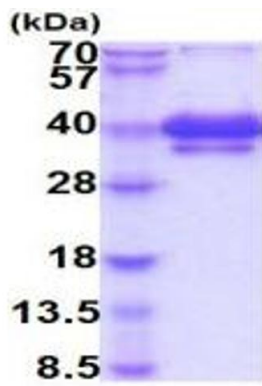
**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 1 mM DTT, 20 % glycerol.

**Storage:** 4 °C,-20 °C,-80 °C

**Storage Comment:** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

**SDS-PAGE**

Image 1.